The present invention relates to mixtures for preparing transparent plastics, encompassing

a) compounds of the formula (I) and (II)

where each R^1 , independently of the others, is hydrogen or a methyl radical,

each R^2 , independently of the others, is a linear or branched, aliphatic or cycloaliphatic radical, or a substituted or unsubstituted aromatic or heteroaromatic radical, and each of m and n, independently of the other, is a whole number greater than or equal to 0, where m + n > 0, and

b) at least one monomer (A) capable of free-radical polymerization with a molar mass of at least 150 g/mol, which contains at least two terminal olefinic groups,

where at least two of the olefinic groups of the monomer (A) have, in the $\alpha-$ and/or $\beta-$ position with respect to the olefinic group, atoms which differ in nature and/or number, in the radical which connects the at least two olefinic groups.